



STATE OF MAINE
DEPARTMENT OF ENVIRONMENTAL PROTECTION

JOHN ELIAS BALDACCI
GOVERNOR

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COMMISSIONER

**The Lane Construction Corporation
Penobscot County
Hermon, Maine
A-166-71-M-R/A (SM)**

**Departmental
Findings of Fact and Order
Air Emission License**

After review of the air emission license renewal application, staff investigation reports, and other documents in the applicant's file in the Bureau of Air Quality, pursuant to 38 M.R.S.A., §344 and §590, the Department finds the following facts:

I. REGISTRATION

A. Introduction

1. The Lane Construction Corporation (Lane), located in Bangor, Maine has applied to renew their Air Emission License, permitting the operation of their portable hot mix asphalt plant, and their crushed stone and gravel facility.
2. Lane has requested an amendment to their license in order to remove the Diesel Drive D1 (5.3 MMBtu/hr), and to add Heater #2.
3. This equipment is based at Odlin Road in Hermon, Maine.

B. Emission Equipment

Asphalt Plant

<u>Equipment</u>	<u>Process Rate (tons/hr)</u>	<u>Design Capacity Firing Rate</u>	<u>Control Devices</u>	<u>Stack ID</u>	<u>Date of Manufac- ture</u>
#32 Portable Drum Plant	400	162 MMBtu/hr, 1175 gal/hr, #2 fuel oil (0.5%S), specification waste oil (0.7%S)	Baghouse	32	1979 (Estim.)

AUGUSTA
17 STATE HOUSE STATION
AUGUSTA, MAINE 04333-0017
(207) 287-7688 FAX: (207) 287-7826
RAY BLDG., HOSPITAL ST.

BANGOR
106 HOGAN ROAD, SUITE 6
BANGOR, MAINE 04401
(207) 941-4570 FAX: (207) 941-4584

PORTLAND
312 CANCO ROAD
PORTLAND, MAINE 04103
(207) 822-6300 FAX: (207) 822-6303

PRESQUE ISLE
1235 CENTRAL DRIVE, SKYWAY PARK
PRESQUE ISLE, MAINE 04679-2094
(207) 764-0477 FAX: (207) 760-3143

Fuel Burning Equipment

<u>Equipment</u>	<u>Maximum Capacity</u> (MMBtu/hr)	<u>Maximum Firing Rate</u> (gal/hr)	<u>Fuel Type</u>
CAT 3412	3.9	28.5	Diesel, 0.05%
CAT 3406	2.9	21.0	Diesel, 0.05%
AC Heater	1.33	9.5	#2 fuel oil, 0.5%S, spec, waste oil, 0.7% S
Heater #2	1.3	9.5	#2 fuel oil, 0.5% S, spec. waste oil, 0.7%S
Night Generator*	0.085	0.6	Diesel, 0.05%
PI Kolman*	0.17	1.25	Diesel, 0.05%

*Included for inventory purposes only.

Rock Crushers

<u>Designation</u>	<u>Process Rate</u> (tons/hour)	<u>Date of Manufacture</u>	<u>Control Device</u>
SEC48S	200	1984	Spray Nozzle

C. Application Classification

The application for Lane does not include the licensing of increased emissions or the installation of new or modified equipment, therefore the license is considered to be a renewal of current licensed emissions units per *Major and Minor Source Air Emission License Regulations*, 06-096 CMR 115 (last amended December 24, 2005) with an amendment to remove Diesel Drive D1.

With the fuel limit on the asphalt plant, the AC Heater, #2 Heater and the generators, Lane is licensed below the major source thresholds and is considered a synthetic minor.

II. BEST PRACTICAL TREATMENT

A. Introduction

In order to receive a license the applicant must control emissions from each unit to a level considered by the Department to represent Best Practical Treatment (BPT), as defined in *Definitions Regulation*, 06-096 CMR 100 (last amended December 24, 2005). Separate control requirement categories exist for new and existing equipment as well as for those sources located in designated non-attainment areas.

BPT for existing emissions equipment means that method which controls or reduces emissions to the lowest possible level considering:

- the existing state of technology;
- the effectiveness of available alternatives for reducing emissions from the source being considered; and
- the economic feasibility for the type of establishment involved.

B. Portable Drum Asphalt Plant

The Drum Mix Asphalt Plant was manufactured in 1979 and is therefore subject to EPA New Source Performance Standards (NSPS) Subpart I for Hot Mix Asphalt Facilities manufactured after June 11, 1973. The initial performance test for this unit was conducted on October 2, 1979.

The Drum Mix Asphalt Plant fires ASTM D396 compliant #2 fuel oil with a maximum sulfur content of 0.5% and specification waste oil with a maximum sulfur content of 0.7%. Fuel use in the Asphalt Plant, the AC Heater and Heater #2, combined, shall not exceed 1,000,000 gallons per year based on a 12-month rolling total.

To meet the requirements of Best Practical Treatment (BPT) and NSPS for the control of particulate matter (PM) emissions, the Drum Mix Asphalt Plant shall vent to a baghouse. Opacity from the asphalt batch plant baghouse is limited to no greater than 20% on a six (6) minute block average basis, except for no more than two (2) six (6) minute block averages in a continuous 3-hour period.

Based on the above hot mix asphalt plant process rate, the maximum emission rate from the asphalt baghouse shall be limited to 0.03 grs/dscf (9.16 lb/hr).

The performance of the baghouse shall be constantly monitored by either one of the following at all times the Drum Mix Asphalt Plant is operating:

1. PM detector – when the detector signals excessive PM concentrations in the exhaust stream, Lane shall take corrective action within 24 hours, or immediately if opacity exceeds 20%.
2. Personnel with a current EPA Method 9 visible emissions certification – when the opacity exceeds 20%, the hot mix asphalt plant is operating with insufficient control and corrective action shall be taken immediately.

General process emissions from the asphalt plant shall be controlled so as to prevent visible emissions in excess of 20% opacity on a six (6) minute block average basis except for no more than one (1) six (6) minute block average in a 1-hour period.

Lane may process up to 10,000 cubic yards per year of soil contaminated by gasoline or #2 fuel oil without prior approval from the Department. This limit may be exceeded with written authorization from the Department. The plant owner or operator shall notify the Department at least 24 hours prior to processing the contaminated soil and specify the contaminating fuel and quantity, origin of the soil and fuel and the disposition of the contaminated soil.

Lane may process up to 5,000 cubic yards per year of soil contaminated with virgin oil as defined by the Bureau of Air Quality without prior approval from the Bureau of Air Quality. Virgin oil processing shall be done at a mixture of no greater than 30% contaminated soil to 70% clean aggregate mix. Processing of virgin oil contaminated soils may require a solid waste processing facility license under Maine Solid Waste Management Rules, 06-096 CMR 409 (last amended June 16, 2006). The material shall be handled in accordance with the requirements of the Bureau of Remediation and Waste Management.

Virgin Oil Definition:

Virgin oil means any petroleum derived oil, including petroleum fuels, unused motor oils, hydraulic fluids, lubrication oils and other industrial oils, that are not characterized as waste oil.

Lane shall not process soils which are classified as hazardous waste or which have unknown contaminants.

When processing contaminated soils, Lane shall maintain records which specify the quantity and type of contaminant in the soil as well as the origin and characterization of the contaminated soil. In addition, when processing contaminated soil, Lane shall maintain records of processing temperature, asphalt feed rates and dryer throughput on an hourly basis. The material shall be handled in accordance with the requirements of the Bureau of Remediation and Waste Management.

C. Rock Crusher

The SEC48S rock crusher is a portable unit which was manufactured in 1984 with a rated capacity of 200 tons per hour. The SEC48S rock crusher is therefore subject to EPA New Source Performance Standards (NSPS) Subpart OOO for Nonmetallic Mineral Processing Plants manufactured after August 31, 1983, with capacities greater than 150 tons per hour for portable plants and greater than 25 tons per hour for non-portable plants. An initial NSPS performance test was performed on this unit June 29, 2001.

The regulated pollutant from the rock crusher is particulate emissions. To meet the requirements of Best Practical Treatment (BPT) for control of particulate matter (PM) emissions from the rock crusher, Lane shall maintain water sprays on the rock crusher and operate as needed to control visible emissions. Visible emissions from the rock crusher shall be limited to no greater than 10% opacity on a six (6) minute block average basis.

D. Diesel Units

CAT 3412 has an approximate power rating of 556 HP based on heat input of 3.9 MMBtu/hr; CAT 3406 has an approximate power rating of 414 HP based on heat input of 2.9 MMBtu/hr; each based on 35 % efficiency.

A summary of the BPT analysis for the CAT 3412 and CAT 3406 is the following:

1. The total fuel use for the two units shall not exceed 50,000 gallons per year, based on a 12-month rolling total, of diesel fuel with a maximum sulfur content not to exceed 0.05% by weight.
2. SO₂ emissions are based on fuel sulfur mass balance.
3. The PM and PM₁₀ limits are derived from 06-096 CMR 103.
4. NO_x, CO, and VOC emission limits are based upon AP-42 data dated 10/96 for diesel engines less than 600 horsepower.

5. Visible emissions from the generators shall each not exceed 20% opacity on a six (6) minute block average, except for no more than two (2) six (6) minute block averages in a continuous 3-hour period.

E. AC Heater

The AC Heater has a heat input capacity of 1.33 MMBtu/hr and draws fuel from the same tank as the asphalt plant (ASTM D396 compliant #2 fuel oil with a maximum sulfur content of 0.5% by weight and specification waste oil with a maximum sulfur content of 0.7%, by weight). The heater has a heat input less than 10 MMBtu/hr and is therefore not subject to NSPS Subpart Dc.

A summary of BPT is detailed below:

1. Combined fuel use in the AC Heater, Heater #2 and the asphalt plant shall not exceed 1,000,000 gallons of fuel per year, based on a 12-month rolling total.
2. 06-096 CMR 106 regulates fuel sulfur content, however, the use of 0.5% sulfur by weight for #2 fuel oil and 0.7% by weight for specification waste oil is BPT.
3. SO₂ emission data is based on fuel sulfur mass balance.
4. PM and PM₁₀ emission rates are based on BPT of 0.12 lb/MMBtu.
5. NO_x, CO and VOC emission rates were based on AP-42 data dated 10/98 for boilers with a heat input less than 100 MMBtu/hr.
6. Opacity from the AC Heater shall not exceed 20% on a six (6) minute block average basis, except for one (1) six (6) minute block average in a 3-hour period.

F. Heater #2

The Heater #2 has a heat input capacity of 1.3 MMBtu/hr and draws fuel from the same tank as the asphalt plant (ASTM D396 compliant #2 fuel oil with a maximum sulfur content of 0.5% by weight and specification waste oil with a maximum sulfur content of 0.7%, by weight). The heater has a heat input less than 10 MMBtu/hr and is therefore not subject to NSPS Subpart Dc.

A summary of BPT is detailed below:

1. Combined fuel use in Heater #2, the AC Heater and the asphalt plant shall not exceed 1,000,000 gallons of fuel per year, based on a 12-month rolling total.
2. 06-096 CMR 106 regulates fuel sulfur content, however, the use of 0.5% sulfur by weight for #2 fuel oil and 0.7% by weight for specification waste oil is BPT.

3. SO₂ emission data is based on fuel sulfur mass balance.
4. PM and PM₁₀ emission rates are based on BPT of 0.12 lb/MMBtu.
5. NO_x, CO and VOC emission rates were based on AP-42 data dated 10/98 for boilers with a heat input less than 100 MMBtu/hr.
6. Opacity from the Heater #2 shall not exceed 20% on a six (6) minute block average basis, except for one (1) six (6) minute block average in a 3-hour period.

G. Stock Piles and Roadways

Visible emissions from a fugitive emission source shall not exceed 20% opacity, except for no more than five (5) minutes in any 1-hour period. Compliance shall be determined by an aggregate of the individual fifteen (15)-second opacity observations which exceed 20% in any one (1) hour.

H. General Process Emissions

Visible emissions from a general process (including conveyor belts) shall not exceed 10% opacity on a six (6) minute block average basis, except for no more than one (1) six (6) minute block average in a 1-hour period.

I. Facility Emissions

Lane shall be restricted to the following annual emissions, based on a 12 month rolling total and the following limits:

- 1,000,000 gallons per year of ASTM D396 compliant #2 fuel oil with a maximum sulfur content of 0.5% by weight, or specification waste oil with a maximum sulfur content of 0.7% by weight, in the Drum Mix Asphalt Plant, the AC heater and Heater #2 combined, based on a 12-month rolling total.
- 50,000 gallons per year of diesel fuel, with a maximum sulfur content of 0.05% by weight, in the diesel units combined, based on a 12-month rolling total.

Total Licensed Annual Emissions for the Facility
(Used to calculate the annual license fee)

	PM	PM₁₀	SO₂	NO_x	CO	VOC
Asphalt Plant & AC Heater Combined	3.96	3.96	49.35	9.51	22.47	5.53
Generators	0.42	0.42	1.77	15.44	3.33	1.23
Total TPY	4.4	4.4	51.1	25.0	25.8	6.8

III. AMBIENT AIR QUALITY ANALYSIS

According to 06-096 CMR 115, the level of air quality analyses required for a renewal source shall be determined on a case-by-case basis. Modeling and monitoring are not required of a renewal if the total emissions of any pollutant released do not exceed the following:

<u>Pollutant</u>	<u>TPY</u>
PM	25
PM ₁₀	25
SO ₂	50
NO _x	100
CO	250

Based on the total facility licensed emissions, Lane is below the emissions level required for modeling and monitoring.

ORDER

Based on the above Findings and subject to conditions listed below the Department concludes that the emissions from this source:

- will receive Best Practical Treatment,
- will not violate applicable emission standards,
- will not violate applicable ambient air quality standards in conjunction with emissions from other sources.

The Department hereby grants Air Emission License A-166-71-M-R/A, subject the following conditions:

Severability. The invalidity or unenforceability of any provision, or part thereof, of this License shall not affect the remainder of the provision or any other provisions. This License shall be construed and enforced in all respects as if such invalid or unenforceable provision or part thereof had been omitted.

STANDARD CONDITIONS

- (1) Employees and authorized representatives of the Department shall be allowed access to the licensee's premises during business hours, or any time during which any emissions units are in operation, and at such other times as the Department deems necessary for the purpose of performing tests, collecting samples, conducting inspections, or examining and copying records relating to emissions. [06-096 CMR 115]
- (2) The licensee shall acquire a new or amended air emission license prior to commencing construction of a modification, unless specifically provided for in Chapter 115. [06-096 CMR 115]
- (3) Approval to construct shall become invalid if the source has not commenced construction within eighteen (18) months after receipt of such approval or if construction is discontinued for a period of eighteen (18) months or more. The Department may extend this time period upon a satisfactory showing that an extension is justified, but may condition such extension upon a review of either the control technology analysis or the ambient air quality standards analysis, or both. [06-096 CMR 115]
- (4) The licensee shall establish and maintain a continuing program of best management practices for suppression of fugitive particulate matter during any period of construction, reconstruction, or operation which may result in fugitive dust, and shall submit a description of the program to the Department upon request. [06-096 CMR 115]
- (5) The licensee shall pay the annual air emission license fee to the Department, calculated pursuant to 38 M.R.S.A. § 353. [06-096 CMR 115]
- (6) The license does not convey any property rights of any sort, or any exclusive privilege. [06-096 CMR 115]
- (7) The licensee shall maintain and operate all emission units and air pollution systems required by the air emission license in a manner consistent with good air pollution control practice for minimizing emissions. [06-096 CMR 115]

- (8) The licensee shall maintain sufficient records to accurately document compliance with emission standards and license conditions and shall maintain such records for a minimum of six (6) years. The records shall be submitted to the Department upon written request. [06-096 CMR 115]
- (9) The licensee shall comply with all terms and conditions of the air emission license. The filing of an appeal by the licensee, the notification of planned changes or anticipated noncompliance by the licensee, or the filing of an application by the licensee for a renewal of a license or amendment shall not stay any condition of the license. [06-096 CMR 115]
- (10) The licensee may not use as a defense in an enforcement action that the disruption, cessation, or reduction of licensed operations would have been necessary in order to maintain compliance with the conditions of the air emission license. [06-096 CMR 115]
- (11) In accordance with the Department's air emission compliance test protocol and 40 CFR Part 60 or other method approved or required by the Department, the licensee shall:
 - A. perform stack testing to demonstrate compliance with the applicable emission standards under circumstances representative of the facility's normal process and operating conditions:
 - 1. within sixty (60) calendar days of receipt of a notification to test from the Department or EPA, if visible emissions, equipment operating parameters, staff inspection, air monitoring or other cause indicate to the Department that equipment may be operating out of compliance with emission standards or license conditions; or
 - 2. pursuant to any other requirement of this license to perform stack testing.
 - B. install or make provisions to install test ports that meet the criteria of 40 CFR Part 60, Appendix A, and test platforms, if necessary, and other accommodations necessary to allow emission testing; and
 - C. submit a written report to the Department within thirty (30) days from date of test completion.[06-096 CMR 115]
- (12) If the results of a stack test performed under circumstances representative of the facility's normal process and operating conditions indicate emissions in excess of the applicable standards, then:

- A. within thirty (30) days following receipt of such test results, the licensee shall re-test the non-complying emission source under circumstances representative of the facility's normal process and operating conditions and in accordance with the Department's air emission compliance test protocol and 40 CFR Part 60 or other method approved or required by the Department; and
- B. the days of violation shall be presumed to include the date of stack test and each and every day of operation thereafter until compliance is demonstrated under normal and representative process and operating conditions, except to the extent that the facility can prove to the satisfaction of the Department that there were intervening days during which no violation occurred or that the violation was not continuing in nature; and
- C. the licensee may, upon the approval of the Department following the successful demonstration of compliance at alternative load conditions, operate under such alternative load conditions on an interim basis prior to a demonstration of compliance under normal and representative process and operating conditions.

[06-096 CMR 115]

- (13) Notwithstanding any other provisions in the State Implementation Plan approved by the EPA or Section 114(a) of the CAA, any credible evidence may be used for the purpose of establishing whether a person has violated or is in violation of any statute, regulation, or Part 70 license requirement. [06-096 CMR 115]
- (14) The licensee shall maintain records of malfunctions, failures, downtime, and any other similar change in operation of air pollution control systems or the emissions unit itself that would affect emission and that is not consistent with the terms and conditions of the air emission license. The licensee shall notify the Department within two (2) days or the next state working day, whichever is later, of such occasions where such changes result in an increase of emissions. The licensee shall report all excess emissions in the units of the applicable emission limitation. [06-096 CMR 115]
- (15) Upon written request from the Department, the licensee shall establish and maintain such records, make such reports, install, use and maintain such monitoring equipment, sample such emissions (in accordance with such methods, at such locations, at such intervals, and in such a manner as the Department shall prescribe), and provide other information as the Department may reasonably require to determine the licensee's compliance status. [06-096 CMR 115]

SPECIFIC CONDITIONS

(16) Drum Mix Asphalt Plant

- A. Emissions from the Drum Mix Asphalt Plant shall vent to a baghouse, and all components of the asphalt plant shall be maintained so as to prevent PM leaks. [06-096 CMR 115, BPT]
- B. The performance of the baghouse shall be constantly monitored by either one of the following at all times the Drum Mix Asphalt Plant is operating [06-096 CMR 115, BPT]:
 - 1. PM detector – when the detector signals excessive PM concentrations in the exhaust stream, Lane shall take corrective action within 24 hours, or immediately if opacity exceeds 20%.
 - 2. Personnel with a current EPA Method 9 visible emissions certification – when the opacity exceeds 20%, the asphalt plant is operating with insufficient control and corrective action shall be taken immediately.
- C. To document maintenance of the baghouse, the licensee shall keep a maintenance log recording the date and location of all bag failures as well as all routine maintenance. The maintenance log shall be kept on-site at the asphalt plant location. [06-096 CMR 115, BPT]
- D. Opacity from the baghouse is limited to no greater than 20% on a six (6) minute block average basis, except for no more than two (2) six (6) minute block averages in a continuous 3-hour period. [06-096 CMR 101]
- E. General process emissions from the asphalt plant shall be controlled so as to prevent visible emissions in excess of 20% opacity on a six (6) minute block average basis except for no more than one (1) six (6) minute block average in a 1-hour period. [06-096 CMR 101]
- F. Fuel use records and receipts for the Drum Mix Asphalt Plant shall be maintained for at least six years and made available to the Department upon request. A log shall also be maintained recording the quantity and analyzed test results of all specification waste oil in the dryer. [06-096 CMR 115, BPT]
- G. Lane shall be limited to the use of 1,000,000 gallons per calendar year of ASTM D396 compliant #2 fuel oil with a maximum sulfur content of 0.5% by weight, and specification waste oil with a maximum sulfur content of 0.7% by weight, in the Drum Mix Asphalt Plant, the AC Heater and #2 Heater combined, based on a 12-month rolling total. Emissions from the baghouse shall not exceed the following [06-096 CMR 115, BPT]:

<u>Pollutant</u>	<u>grs/dscf</u>	<u>lb/hr</u>
PM	0.03	9.16
PM ₁₀	-	9.16
SO ₂	-	114.21
NO _x	-	22.00
CO	-	52.00
VOC	-	12.80

- H. Lane may process up to 10,000 cubic yards per year of soil contaminated by gasoline or #2 fuel oil without prior approval from the Department. This limit may be exceeded with written authorization from the Department. The plant owner or operator shall notify the Department at least 24 hours prior to processing the contaminated soil and specify the contaminating fuel and quantity, origin of the soil and fuel and the disposition of the contaminated soil. [38 MSRA §608-A, and 06-096 CMR 115, BPT]
- I. Lane may process up to 5,000 cubic yards per year of soil contaminated with virgin oil as defined by the Bureau of Air Quality without prior approval from the Bureau of Air Quality. Virgin oil processing shall be done at a mixture of no greater than 30% contaminated soil to 70% clean aggregate mix. Processing of virgin oil contaminated soils may require a solid waste processing facility license under MEDEP Chapter 409. The material shall be handled in accordance with the requirements of the Bureau of Remediation and Waste Management. [06-096 CMR 115, BPT]
- J. Lane shall not process soils which are classified as hazardous waste or which have unknown contaminants. [06-096 CMR 115, BPT]
- K. When processing contaminated soils, Lane shall maintain records which specify the quantity and type of contaminant in the soil as well as the origin and characterization of the contaminated soil. In addition, when processing contaminated soil, Lane shall maintain records of processing temperature, asphalt feed rates and dryer throughput on an hourly basis. The material shall be handled in accordance with the requirements of the Bureau of Remediation and Waste Management. [06-096 CMR 115, BPT]

(17) **Rock Crusher**

- A. Lane shall install and maintain spray nozzles for particulate control on Rock Crusher SEC48S and operate it as necessary to limit visible emissions to no greater than 10% opacity on a six (6) minute block average basis. [06-096 CMR 115 (BPT) and 06-096 CMR 101]

- B. Lane shall maintain a log detailing the maintenance on the water spray nozzles. The maintenance log shall be kept on-site at the rock crushing location. [06-096 CMR 115, BPT]
- C. Lane shall maintain a log detailing and quantifying the hours of operation on a daily basis for the rock crusher. The operation log shall be kept on-site at the rock crushing location. [06-096 CMR 115, BPT]
- D. The crusher shall be subject to 40 CFR Part 60 Subparts A and OOO and Lane shall comply with the notification and record keeping requirements of 40 CFR Part 60.676 and Part 60.7, except for Section (a)(2) of 60.7 per Subpart OOO, § 60.676(h).

(18) **Diesel Units**

- A. Total fuel use for CAT 3412 and CAT 3406 combined shall not exceed 50,000 gallons per year of diesel fuel oil with a maximum sulfur content not to exceed 0.05% by weight, on a 12-month rolling total. Compliance shall be based on fuel receipts from the supplier showing the quantity of fuel delivered and the percent sulfur of the fuel. [06-096 CMR 115, BPT]
- B. Emissions from the CAT 3412 and CAT 3406 shall not exceed the following:

Emission Unit	Pollutant	lb/MMBtu	Origin and Authority
CAT 3412	PM	0.12	06-096 CMR 103(2)(B)(1)(a)
CAT 3406	PM	0.12	06-096 CMR 103(2)(B)(1)(a)

- C. Emissions shall not exceed the following [06-096 CMR 115, BPT]:

Emission Unit	PM (lb/hr)	PM ₁₀ (lb/hr)	SO ₂ (lb/hr)	NO _x (lb/hr)	CO (lb/hr)	VOC (lb/hr)
CAT 3412	0.47	0.47	1.97	17.20	3.71	1.37
CAT 3406	0.35	0.35	1.46	12.79	2.76	1.02

- D. Visible emissions from the CAT 3412 and CAT 3406 generators shall not exceed 30% opacity on a six (6) minute block average, except for no more than two (2) six (6) minute block averages in a continuous 3-hour period. [06-096 CMR 101]

(19) **AC Heater**

- A. Emissions from the AC Heater shall not exceed the following [06-096 CMR 115, BPT]:

Emission Unit	PM (lb/hr)	PM ₁₀ (lb/hr)	SO ₂ (lb/hr)	NO _x (lb/hr)	CO (lb/hr)	VOC (lb/hr)
AC Heater	0.16	0.16	0.94	0.53	0.05	0.01

- B. Visible emissions from the AC Heater shall not exceed 20% opacity on a six (6) minute block average basis, except for no more than one (1) six (6) minute block average in a three-hour period. [06-096 CMR 101]
- C. Fuel use in the AC Heater is detailed in Condition 16(G) due to the shared fuel tank with the asphalt plant. [06-096 CMR 115, BPT]

(20) **Heater #2**

- A. Emissions from Heater #2 shall not exceed the following [06-096 CMR 115, BPT]:

Emission Unit	PM (lb/hr)	PM ₁₀ (lb/hr)	SO ₂ (lb/hr)	NO _x (lb/hr)	CO (lb/hr)	VOC (lb/hr)
Heater #2	0.16	0.16	0.94	0.53	0.05	0.01

- B. Visible emissions from Heater #2 shall not exceed 20% opacity on a six (6) minute block average basis, except for no more than one (1) six (6) minute block average in a three-hour period. [06-096 CMR 101]
- C. Fuel use in Heater #2 is detailed in Condition 16(G) due to the shared fuel tank with the asphalt plant. [06-096 CMR 115, BPT]

(21) **Stockpiles and Roadways**

Visible emissions from a fugitive emission source shall not exceed 20% opacity, except for no more than five (5) minutes in any 1-hour period. Compliance shall be determined by an aggregate of the individual fifteen (15)-second opacity observations which exceed 20% in any one (1) hour. [06-096 CMR 101]

(22) **General Process Sources**

Visible emissions from any general process source shall (including conveyor belts) not exceed 10% opacity on a six (6) minute block average basis, except for no more than one (1) six (6) minute block average in a 1-hour period. [06-096 CMR 101 and 06-096 CMR 115, BPT]

(23) Equipment Relocation

- A. Lane shall notify the Bureau of Air Quality, by a written notification at least 48 hours prior to relocation of any equipment carried on this license. Written notice may be sent by mail, facsimile (fax), or e-mail. Notification sent by mail shall be sent to the address below or to a Department Regional Office:

Attn: Relocation Notice
Maine DEP
Bureau of Air Quality
17 State House Station
Augusta, ME 04333-0017

Equipment relocation notification can also be done on-line with e-notice at www.maine.gov/dep/air/compliance/forms/relocation.

The notification shall include the address of the equipment's new location, an identification of the equipment and the license number pertaining to the relocated equipment.

- B. Written notification shall also be made to the municipality where the equipment will be relocated, except in the case of an unorganized territory where notification will be made to the respective county commissioners.
- (24) Lane shall keep a copy of this Order on site, and have the operator(s) be familiar with the terms of this Order. [06-096 CMR 115, BPT]
- (25) The Asphalt Plant is subject to 40 CFR Part 60 Subparts A, and I and Lane shall comply with the notification and recordkeeping requirements of 40 CFR Part 60.7.

(26) Annual Emission Statement

In accordance with *Emission Statements*, 06-096 CMR 137 (last amended November 8, 2008), the licensee shall annually report to the Department the information necessary to accurately update the State's emission inventory by means of:

- 1) A computer program and accompanying instructions supplied by the Department; or
- 2) A written emission statement containing the information required in 06-096 CMR 137.

The Lane Construction Corporation
Penobscot County
Heron, Maine
A-166-71-M-R/A

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Departmental
Findings of Fact and Order
Air Emission License

The emission statement must be submitted by the date specified in 06-096 CMR 137.

- (27) Lane shall notify the Department within 48 hours and submit a report to the Department on a quarterly basis if a malfunction or breakdown in any component causes a violation of any emission standard [38 M.R.S.A. §605-C].

DONE AND DATED IN AUGUSTA, MAINE THIS 24th DAY OF February, 2010.

DEPARTMENT OF ENVIRONMENTAL PROTECTION

BY: James P. Brodeur
DAVID P. LITTELL, COMMISSIONER

The term of this license shall be five (5) years from the signature date above.

PLEASE NOTE ATTACHED SHEET FOR GUIDANCE ON APPEAL PROCEDURES

Date of initial receipt of application: 3/11/09

Date of application acceptance: 3/30/09

Date filed with the Board of Environmental Protection: _____

This Order prepared by N. Lynn Cornfield, Bureau of Air Quality.

